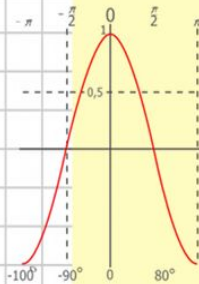
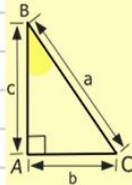
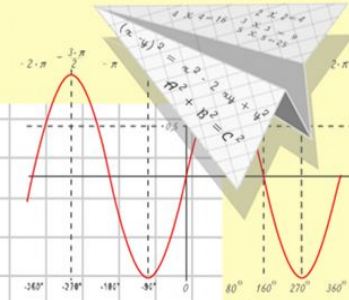


# Математик

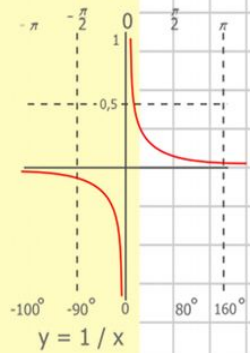
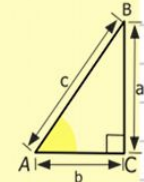
а

## Конкретный смысл действия деления.



$y = \cos x$

- $2 \times 2 = 4$
- $3 \times 3 = 9$
- $4 \times 4 = 16$
- $5 \times 5 = 25$
- $6 \times 6 = 36$
- $7 \times 7 = 49$
- $8 \times 8 = 64$

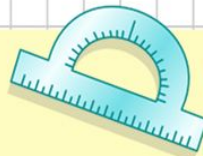


$$\begin{array}{r} 2500 \\ \times 42 \\ \hline 2100 \\ + 8400 \\ \hline 105000 \end{array}$$

$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

$$\frac{a}{c} + \frac{b}{c} = \frac{a+b}{c}$$

$$\sin 90^\circ = 1$$

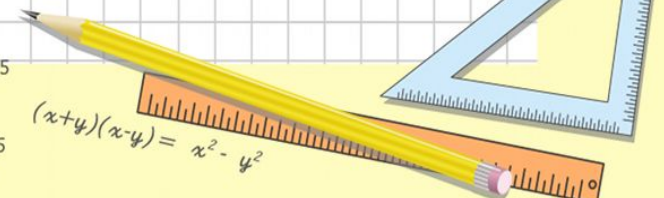


$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

$$\begin{cases} y = 1 \\ x = 25 + 45 \end{cases}$$

$$x = 70$$

$$(x+y)(x-y) = x^2 - y^2$$



# Устный счёт.

Вставьте пропущенные числа,

чтобы равенства были верными.

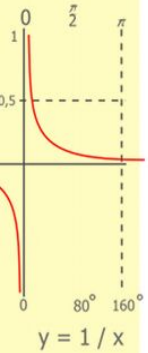
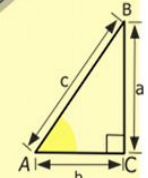
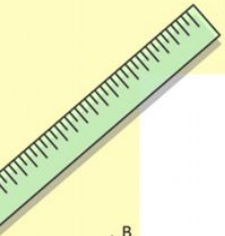
$$83 - 70 = 6 +$$

$$18 - 37 = 9 + 6$$

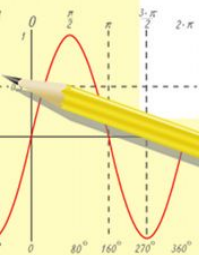
...

$$42 + 8 = 80 + 30$$

$$79 - 60 = 9 + 10$$



$$\begin{array}{r} 2500 \\ \times 42 \\ \hline 2100 \\ + 8400 \\ \hline 105000 \end{array}$$



$$\frac{a}{A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

$$\frac{a}{c} + \frac{b}{c} = \frac{a+b}{c}$$

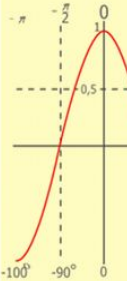
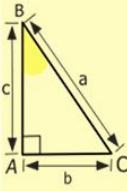
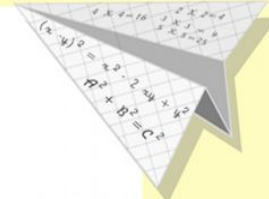
$$\sin 90^\circ = 1$$



$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

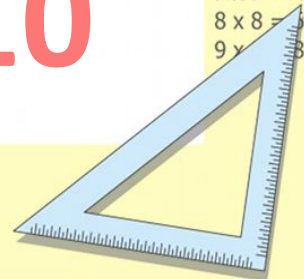
$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

$$(x+y)(x-y) = x^2 - y^2$$



$$y = \cos$$

$$\begin{array}{l} 2 \times 2 = 4 \\ 3 \times 3 = 9 \\ 4 \times 4 = 16 \\ 5 \times 5 = 25 \\ 6 \times 6 = 36 \\ 7 \times 7 = 49 \\ 8 \times 8 = 64 \\ 9 \times 9 = 81 \end{array}$$



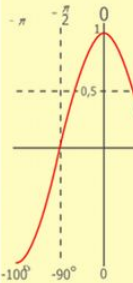
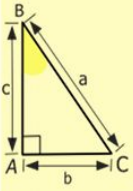
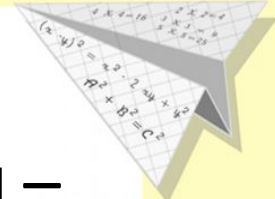
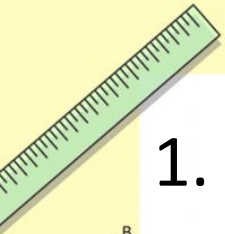
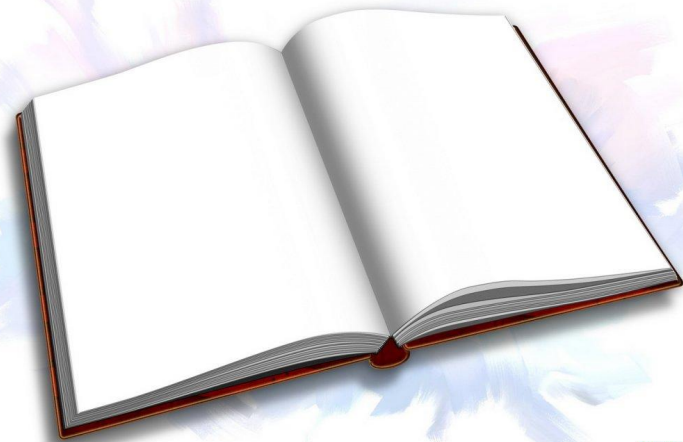
# Решите задачи:

1. Мальчик решил 18 примеров, осталось решить на 8 примеров меньше. Сколько всего примеров должен решить мальчик?



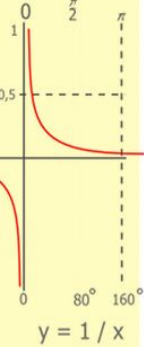
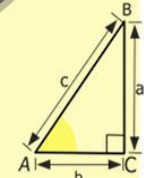
2. В одной книге 29 страниц, во второй – на 15 страниц больше. А в третьей – на 12 страниц меньше, чем во второй. Сколько

Книг

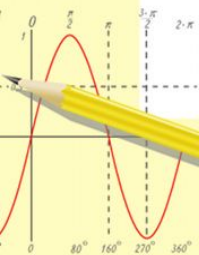


$y = \cos$

- $2 \times 2 = 4$
- $3 \times 3 = 9$
- $4 \times 4 = 16$
- $5 \times 5 = 25$
- $6 \times 6 = 36$
- $7 \times 7 = 49$
- $8 \times 8 = 64$
- $9 \times 9 = 81$



$$\begin{array}{r} 2500 \\ \times 42 \\ \hline 2100 \\ + 840 \\ \hline 105000 \end{array}$$



$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

$$\frac{a}{c} + \frac{b}{c} = \frac{a+b}{c}$$

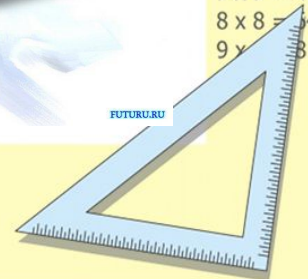
$$\sin 90^\circ = 1$$



$$\begin{cases} x = 25y + 45 \\ y = 1 \end{cases}$$

$$\begin{cases} x = 25 + 45 \\ x = 70 \end{cases}$$

$$(x+y)(x-y) = x^2 - y^2$$



# Конкретный смысл действия деления.

## Задачи на деление по содержанию



**6 разделить по 2 получится 3**

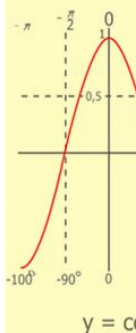
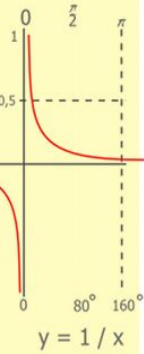
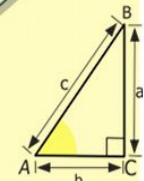
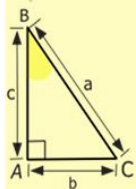
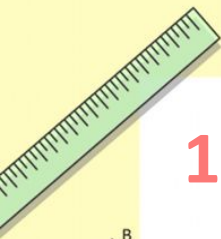
Decorative mathematical elements on the page include:

- A green ruler in the top-left corner.
- A 3D paper airplane in the top-right corner.
- A right-angled triangle with sides labeled  $a$ ,  $b$ , and  $c$  in the top-right and middle-right areas.
- A graph of the function  $y = 1/x$  on the left side.
- A graph of the function  $y = \cos x$  on the right side.
- A multiplication table on the right side showing products from  $2 \times 2$  to  $9 \times 9$ .
- A blue protractor and a blue set square at the bottom.
- A yellow pencil at the bottom left.
- Handwritten mathematical formulas:  $\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$ ,  $\frac{a}{c} + \frac{b}{c} = \frac{a+b}{c}$ ,  $\sin 90^\circ = 1$ ,  $\begin{cases} x = 25y + 45 \\ y = 1 \end{cases}$ ,  $x = 25 + 45$ ,  $x = 70$ , and  $(x+y)(x-y) = x^2 - y^2$ .
- A vertical calculation:  $\begin{array}{r} 2500 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 10500 \end{array}$

# Решите задачу.

12 чашек разложили в коробки по 6 чашек в каждую.

Сколько коробок надо было?



$$\begin{array}{r} 1 \\ \times 42 \\ \hline 210 \\ + 84 \\ \hline 10500 \end{array}$$

- 2 x 2 = 4
- 3 x 3 = 9
- 4 x 4 = 16
- 5 x 5 = 25
- 6 x 6 = 36
- 7 x 7 = 49
- 8 x 8 = 64
- 9 x 9 = 81



$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

$$\frac{a}{c} + \frac{b}{c} = \frac{a+b}{c}$$

$$\sin 90^\circ = 1$$



$$\begin{cases} y = \sin 90 \\ x = 25y + 45 \end{cases}$$

$$\begin{cases} y = 1 \\ x = 25 + 45 \\ \hline x = 70 \end{cases}$$

$$(x+y)(x-y) = x^2 - y^2$$

